

Title (en)

A CURE SYSTEM FOR HALOGENATED ELASTOMER COMPOSITIONS, A CURABLE HALOGENATED ELASTOMER COMPOSITION, AND A METHOD FOR CURING HALOGENATED ELASTOMER COMPOSITIONS

Title (de)

HÄRTUNGSSYSTEM FÜR HALOGENIERTE ELASTOMERE ZUSAMMENSETZUNGEN, HÄRTBARE HALOGENIERTE ELASTOMERE ZUSAMMENSETZUNG UND VERFAHREN ZUR HÄRTUNG EINER HALOGENIERTEN ELASTOMEREN ZUSAMMENSETZUNG

Title (fr)

SYSTÈME DE PRISE DE COMPOSITIONS D'ÉLASTOMÈRE HALOGÉNÉ, COMPOSITION D'ÉLASTOMÈRE HALOGÉNÉ DURCISSABLE, ET PROCÉDÉ DE PRISE D'UNE COMPOSITION D'ÉLASTOMÈRE HALOGÉNÉ

Publication

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Application

**EP 07814298 A 20070821**

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- US 84103706 P 20060830

Abstract (en)

[origin: WO2008027754A2] The instant invention is a cure system for halogenated elastomer compositions, a curable halogenated elastomer composition, and a method for curing a halogenated elastomer composition. The cure system for halogenated elastomer compositions includes a polymercapto crosslinking agent, an inorganic base, and a combination of at least two or more of (a) a nitrogen containing chelating agent; (b) a first accelerator; or (c) a second accelerator. The curable halogenated elastomer composition includes a chlorinated elastomer, and a cure system including a polymercapto crosslinking agent, an inorganic base, and a combination of at least two or more of (a) a nitrogen containing chelating agent; (b) a first accelerator; or (c) a second accelerator. Furthermore, the method for curing a halogenated elastomer composition includes the following steps: (1) providing a chlorinated elastomer composition; (2) providing a cure system composition including a polymercapto crosslinking agent, an inorganic base, and a combination of at least two or more of (a) a nitrogen containing chelating agent; (b) a first accelerator; or (c) a second accelerator; (3) uniformly blending the cure system into the chlorinated elastomer composition; (4) thereby forming a curable chlorinated elastomer composition; (5) subjecting the curable chlorinated elastomer composition to heat or heat and pressure; and (6) thereby curing the curable chlorinated elastomer composition.

IPC 8 full level

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Citation (search report)

See references of WO 2008027754A2

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